2026283

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BENDIX RADIO PART NUMBER

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVAL

J10 TEST CLOCK
J11 TEST DATA
C41 .01
C42 .01
TB2-30
TB2-20
TB2-15 CLOCK INPUT
TB2-14 CLOCK RET

Z1 VCO 10.5 KC (NOM)
C24 .01
R71 6.8K
C25 470pf
FREQ ADJ.
R82 82Ω
R83 200Ω
R84 1K 1W
R85 18K
R75 100K
CR8 IN128
Q11 2N336
C26 150pf
C31 220pf

R86 2.2K
R87 47K
C27 470pf
Q12 2N336
CR9 IN128
CR10 IN128
CR11 IN128
CR12 IN128
Q13 2N336
R91 47K
C28 470pf
R92 2.2K
R94 47K
R95 47K
R88 33K
R89 27K
R90 33K
R93 220Ω

R101 2.2K
R96 2.2K
R97 47K
C29 470pf
R102 47K
C30 470pf
R104 47K
Q14 2N336
CR13 IN128
CR14 IN128
CR15 IN128
CR16 IN128
Q15 2N336
R98 33K
R99 27K
R100 33K
R103 220Ω

S24 24V REG POWER
OFF
ON
F1-1
DS24
TB1 24V RET
DS23
F2-1
TB1 28V RET

K11
ON OFF 528 TEST DATA
C32 150pf
K12
K13
R106 47K
R107 470Ω

Q16 2N404
R105 47K
C33 5μfd
Q18 2N656
LEVEL SET
R108 1.5K
R109 1K
R110 470Ω 1W
R111 470Ω
Q17 2N404
K14

R113 18K
R112 47K
Q19 2N336
CR17 IN128
R116 100K
C34 470pf
C35 .01μfd
J13 SIMULATOR DATA (BNC)
R114 18K
R115 47K
Q20 2N336
CR18 IN128
R118 100K
C36 470pf
R117 6.8K
C37 .01μfd
R119 6.8K
J12 SIMULATOR CLOCK (BNC)

R120 18K
Q21 2N336
CR19 IN128
R121 100K
C38 .01
J9 RECORDER
R122 6.8K
C39 470pf
C40 .01

S25 RECEIVER JACK SELECTOR SWITCH
OUTPUT
INPUT

SEC 1
SEC 2
S22 (VIEWED FROM REAR)
POS 1 - PROGRAMMER (SHOWN)
POS 2 - SIMULATOR
POS 3 - TEST

TB2-12
TB2-15
TAPE RECORDER DATA RET S26
DATA INPUT S26
TB2-17
TB2-16
TB2-29

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REQD DASH-2	REQD DASH-1	PART NUMBER	ITEM	DESCRIPTION	REFERENCE DESIGNATION

LIST OF MATERIAL

DASH NO.	NEXT ASSY	USED ON	NEXT ASSY	FINAL ASSY
	APPLICATION		QTY REQD	

UNLESS OTHERWISE SPECIFIED 2 PLACE DEC. ± 3 PLACE DEC. ± COMMERCIAL PUBLISHED TOLERANCES SHALL APPLY TO SIZES OF BAR, ROD, WIRE, SHEET, TUBE, ETC. WHEN MARKED WITH AN ASTERISK (*). PLATED PARTS MUST FIT GAGES, AND MEET SPECIFIED TOLERANCES AFTER PLATING.

MATERIAL

FINISH

	DRAWN	CHECKED
A	LINS 10-8-63	D Henry 2-6-64

CAUTION: UNLESS THIS DRAWING BEARS THE PRINTED NAMES OF TWO AUTHORIZED ENGINEERING REPRESENTATIVES IN THE BLOCKS NOTED "A", IT IS PRELIMINARY AND UNDER NO CIRCUMSTANCES IS IT TO BE USED FOR MANUFACTURING PURPOSES.

SCALE | WT. | ACT. CALC

SCHEMATIC DIAGRAM
GEMINI T/M INPUT SIMULATOR

THE Bendix CORPORATION
BENDIX RADIO DIVISION
BALTIMORE 4, MARYLAND

ADD DASH NUMBER TO FORM PART NUMBER
2026283
SHEET 2

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
LANGLEY RESEARCH CENTER
LANGLEY FIELD, VA.

CONTRACT NAS-5-3060

NASA DWG. NO.

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